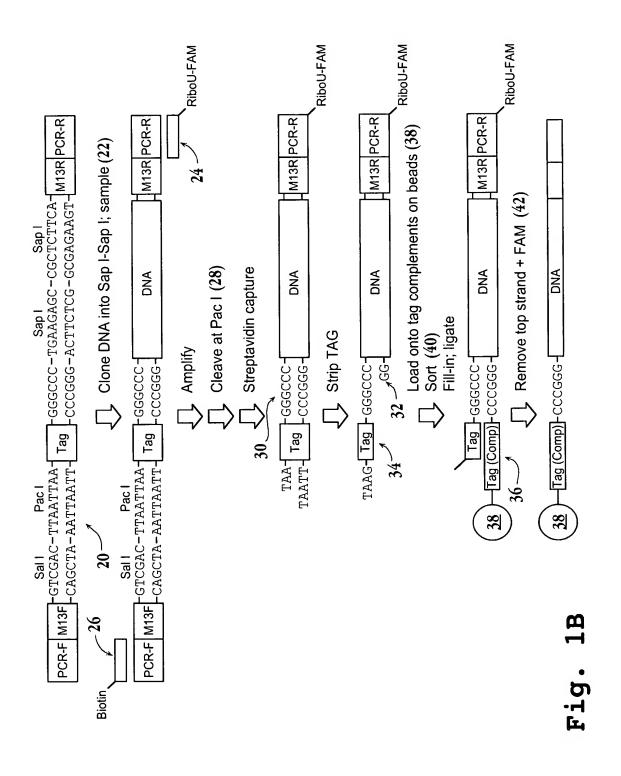
Title: METHOD OF DETECTING FOREIGN DNA IN A HOST GENOME Inventor: Luo et al. Attorney Docket No. 55525-8054.US00 Customer No. 22918 Sheet 1 of 7

	genomic DNA hydro shearing (10); ☐ T4 DNA polymerase (12)
	~1.5 kb
<u> </u>	sssl methylase; Esp3l adapter ligation
CGTCTCTGATG GCAGAGACTAC	CATCAGAGACG GTAGTCTCTGC
	Esp3l cut (16) 14
GATG	GTAG
GATG	fill in dCTP (18)
C	GTAG
	\checkmark

Clone into tag vector

Fig. 1A

Title: METHOD OF DETECTING FOREIGN DNA IN A HOST GENOME Inventor: Luo et al. Attorney Docket No. 55525-8054.US00 Customer No. 22918 Sheet 2 of 7



Title: METHOD OF DETECTING FOREIGN DNA IN A HOST GENOME Inventor: Luo et al. Attorney Docket No. 55525-8054.US00 Customer No. 22918 Sheet 3 of 7

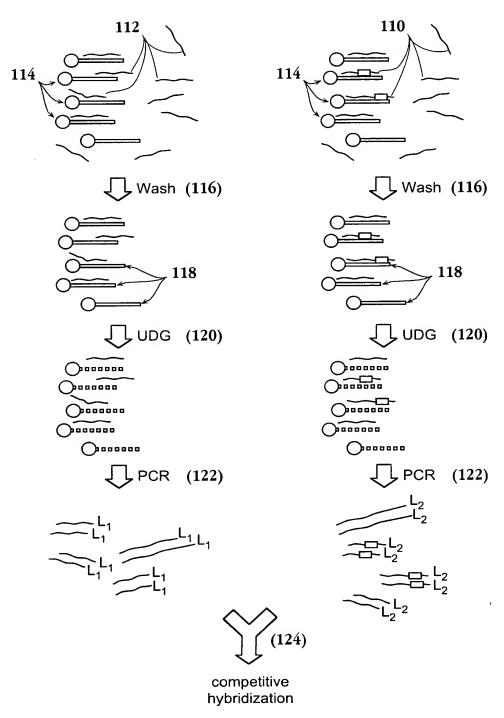


Fig. 2

Title: METHOD OF DETECTING FOREIGN DNA IN A HOST GENOME Inventor: Luo et al. Attorney Docket No. 55525-8054.US00 Customer No. 22918 Sheet 4 of 7

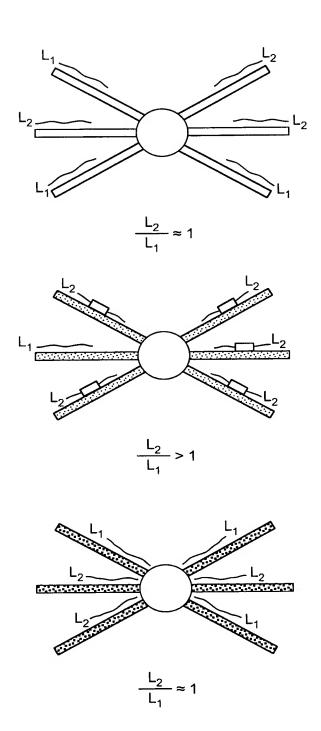
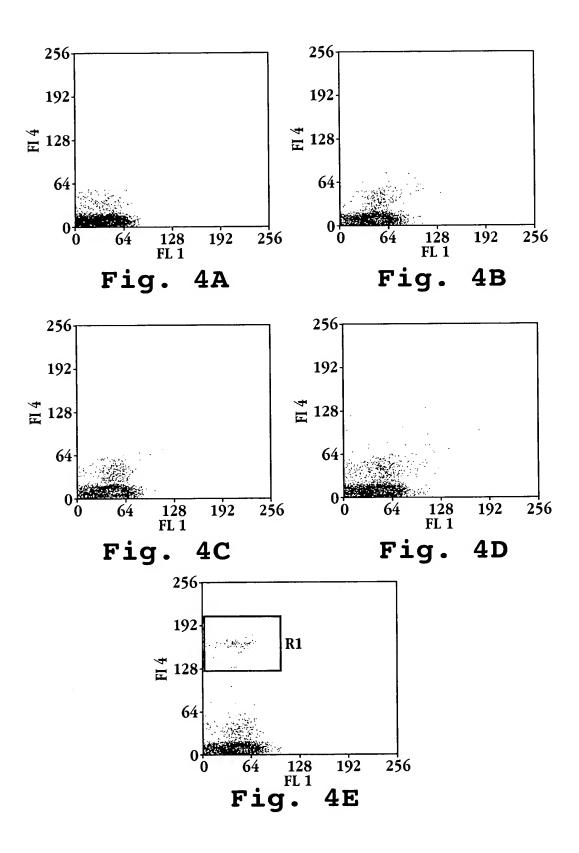


Fig. 3

Title: METHOD OF DETECTING FOREIGN DNA IN A HOST GENOME Inventor: Luo et al. Attorney Docket No. 55525-8054.US00 Customer No. 22918 Sheet 5 of 7



Title: METHOD OF DETECTING FOREIGN DNA IN A HOST GENOME Inventor: Luo et al. Attorney Docket No. 55525-8054.US00 Customer No. 22918 Sheet 6 of 7

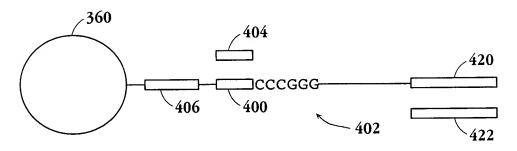


Fig. 5A

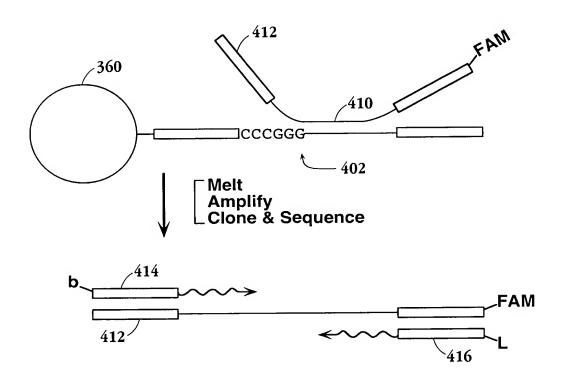


Fig. 5B

Title: METHOD OF DETECTING FOREIGN DNA IN A HOST GENOME Inventor: Luo et al. Attorney Docket No. 55525-8054.US00 Customer No. 22918 Sheet 7 of 7

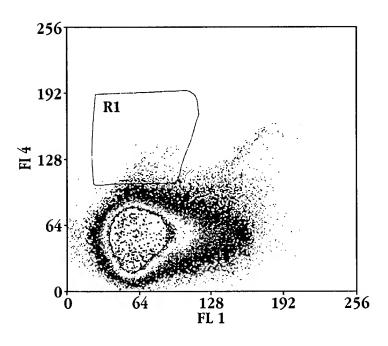


Fig. 6